



# APPLICATION GUIDE FOR USE OF EXPERIMENTAL PESTICIDES ON AQUATIC SITES

The Washington State Departments of Agriculture and Ecology jointly designed this fact sheet to assist you in acquiring permits for experimental projects involving the application of pesticides in aquatic environments. The following guide explains what types of permits are needed for experimental projects, what information should be included with your application and where to apply.

## TYPES OF PERMITS

The **Washington State Experimental Use Permit** is issued by the Department of Agriculture. This permit is required for all experiments involving pesticides that are not federally registered, and for all experiments involving uses not allowed by the pesticide label. All aquatic pesticides are classified as "restricted-use" in Washington State and therefore require a license and aquatic endorsement for application.

The Department of Ecology issues an **Experimental Water Quality Permit** or other authorizations whenever a pesticide is going to be applied to an aquatic environment.

Both permits are needed if your project involves the use of a pesticide for a purpose not supported by the label in an aquatic environment.

## APPLICATION COMPONENTS

Including all elements listed below with your permit application will help expedite the permitting process. Some applications may require additional information.

### Agriculture's WSEUP:

Completed application that includes ☐

- ❖Pesticide information
- ❖Human toxicity data
- ❖Aquatic toxicity data
- ❖Experiment location, map
- ❖Label and MSDS
- ❖Federal EUP information
  - EPA approval letter
  - EPA stamped label
  - Section G (Experimental trial details)

### Ecology's EWQP:

Completed application that includes ☐

- ❖Pesticide information
- ❖Human toxicity data
- ❖Aquatic toxicity data
- ❖Experiment location, map
- ❖Success measurements
- ❖Mitigation measures
- ❖Research design (QA/QC, analytical protocol)

(If applicable) Completed SEPA checklist ☐

## APPLICATION PROCESS

- *Agriculture's WSEUP*: Complete the one page application and attach any needed supporting documentation. Submit the completed application to the WSDA at least 30 days prior to proposed beginning treatment date. Your permit application will be reviewed once all the information has been provided. A contact phone number is listed below if you have any questions about the application process.
- *Ecology's EWQP*: Complete the one page application and attach any supporting documentation related to the pesticide affects on human health and the environment. In addition you must complete the attached environmental checklist. Your request will be processed once all the information including SEPA has been provided.

## SEPA REQUIREMENT

All researchers applying for an **EWQP** from the Department of Ecology must go through the SEPA process, EXCEPT water quality permits for the experimental use of herbicides on aquatic sites (as defined in 40 C.F.R. Sec. 172.3) when the Department of Agriculture has issued an experimental use permit (under the authority of RCW 15.58.405(3)). The exemption from SEPA review for water quality permits issued for experimental use of herbicides on aquatic sites (according to Senate Bill 5670 effective on June 7, 1999 by the Governor's signature) is limited to experiments of one surface acre or less. Experimental use under federal EUPs for sites larger than one surface acre are still subject to SEPA review. The completed environmental checklist (attached) will determine the impact of your project on the environment. A 15-day comment period may be required. In addition to attaching the SEPA paperwork to your application, a copy must also be sent to Ecology's SEPA section. The address is:

*Department of Ecology, SEPA Section  
P.O. Box 47600, Lacey, WA 98504-7600  
(360) 407-6922*

## TIMING CONSIDERATIONS

Your application needs to be submitted well in advance of your project start date. If you are applying for permits from both agencies, we suggest submitting your application to Ecology and Agriculture at the same time. Agency staff can usually issue qualified permits earlier if the applications are complete (contain all the required information) and, if applicable, the SEPA requirements have been met.

## AGENCY CONTACTS

If you have questions, please call the designated agency contacts below.

Washington State Department of Agriculture  
Pesticide Registration Section  
P.O. Box 42589  
1111 Washington St. SE  
Olympia, WA 98504-2589  
(360) 902-2030 - phone  
(360) 902-2093 - fax  
pestreg@agr.wa.gov

Washington State Department of Ecology  
Water Quality Program  
Watershed Management Section  
P.O. Box 47600  
Olympia, WA 98504-7600  
(360) 407-6404 - phone  
(360) 407-6426 - fax



## Application for Use of Experimental Pesticides on Aquatic Sites



**Washington State Dept. of Agriculture**  
Pesticide Management Division  
P.O. Box 42589 •  
1111 Washington St. SE  
Olympia, WA 98504-2589  
Telephone (360) 902-2030 • FAX (360) 902-2093  
E-mail pestreg@agr.wa.gov

**Washington State Dept. of Ecology**  
Water Quality Program /  
Watershed Management Section  
P.O. Box 47600 • Olympia, WA 98504-27600  
Telephone (360) 407-6404 • FAX (360) 407-6426

BEFORE YOU COMPLETE THIS APPLICATION, PLEASE REFER TO THE ATTACHED INSTRUCTIONS (\*Attach Supporting Information)

Applicant Name:	Telephone (+Area Code):	Fax Number (+ Area Code):
Mailing Address (City, State, Zip):		E-mail Address:

Pesticide Tradename:	Active ingredient(s) & percentage:	EPA Reg. No.:	Federal EUP No.:
Manufacturer / Registrant:	Use Precautions / Restrictions:		
Tolerance (i.e. fish / shellfish): _____: (ppm) Tolerance Exempt (check if applicable): <input type="checkbox"/>	Vapor Pressure:	Koc:	
Chemical Structure:	Water Solubility:	Degradation data (e.g. aquatic metabolism half-life in days if available):	
<b>Acute Toxicological Data</b>			
Oral LD50 (mg/kg) <sup>1</sup> : Species:	Dermal LD50 (mg/kg) <sup>1</sup> : Species:	Inhalation LC50(mg/l) <sup>1</sup> : Species:	
<b>Environmental Toxicity Information: (Data for Most Sensitive Species)</b>			
Fish LC50 (mg/l) <sup>2</sup> : Species: Reference:	Fish NOEC (mg/l) <sup>2</sup> : Species: Reference:	Invertebrate (mg/l) <sup>3</sup> : Species: Reference:	Aquatic Plant EC <sub>x</sub> (mg/l) <sup>4</sup> : Species: Reference:

Crop / Site:	Target Pest(s):	Type of Data Sought (residue, efficacy, etc.):	
Rate of Application (active ingredient/acre):	Size of Treatment Area:	Method of Application: Ground <input type="checkbox"/> Air <input type="checkbox"/> Other _____	
Beginning Treatment Date: _____ Subsequent Treatment Date(s): _____	Ending Date of Experiment:	Restricted Entry Interval:	Pre-harvest Interval (i.e. fish/shellfish):
Property Owner's Name, Address and Telephone Number (including area code):			
Name of Applicator or Operator and Telephone Number (including area code):			
Location and Description of Trial (include county, section, range & township - *use attached sheet if necessary):			
<b>Additional Data for Sites with Fish:</b>			Comments:
Endangered species present (yes / no):	Net loss of eelgrass (yes / no):	Fish spawning site (yes / no):	Application during salmon outmigration period (yes / no):
Signature:		Date:	(Official Use Only): WSEUP No. _____

<sup>1</sup> Species (e.g. rat or rabbit) and time period (e.g. 24-hr)

<sup>2</sup> Species (e.g. rainbow trout or bluegill), value (mg/l) and time period (e.g. 96-hr LC<sub>50</sub>)

<sup>3</sup> Species (e.g. *Daphia pulex* or *Daphia magna*), value (mg/l) and time period (e.g. 48-hr LC<sub>50</sub>)

<sup>4</sup> EC<sub>x</sub> = Experimentally derived chemical concentration that is calculated to effect X percent of the test criterion